

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

Applicants: Blake A. SIMMONS, Robert CROCKER,  
Paul Michael DENTINGER, Marion Catherine HUNTER,  
Kamlesh PATEL, Jonathan SALA

Atty. Doc.: Sandia-2 (SD8475, SD8485)

Serial No.: Filed:

Group Art Unit: Confirmation No.:

Examiner:

Title: POLYMERIZATION WELDING AND APPLICATION TO  
MICROFLUIDICS

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**DISCLOSURE STATEMENT**

The applicants respectfully request that the following references be considered in the examination of the above-identified application. A copy of each reference is enclosed.

**United States Published Patent Applications**

<u>Publication Number</u>	<u>Inventor</u>	<u>Date Published</u>	<u>Class</u>
AA. 2003/0156992	Anderson et al	Aug. 21, 2003	422/100
AB. 2003/0150792	Kochler et al	Aug. 14, 2003	210/321
AC. 2003/0150555	Grandhi et al	Aug. 14, 2003	156/292
AD. 2003/0145886	Paul et al	Aug. 7, 2003	137/98
AE. 2002/0195152	Fernandes et al	Dec. 26, 2002	137/803

AF. 2002/0176804	Strand et al	Nov. 28, 2002	422/100
AG. 2002/0052448	Wang et al	May 2, 2002	525/242
AH. 2002/0045054	Uhara et al	Apr. 18, 2002	428/473

#### United States Patents

<u>Patent Number</u>	<u>Inventor</u>	<u>Date Issued</u>	<u>Class</u>
AI. 6,602,791	Ouellet et al	Aug. 5, 2003	438/696
AJ. 6,592,696	Burdon et al	Jul. 15, 2003	156/89.12
AK. 6,582,251	Burke et al	Jun. 24, 2003	439/589
AL. 6,572,830	Burdon et al	Jun. 3, 2003	422/186.29
AM. 6,572,749	Paul et al	Jun. 3, 2003	204/450
AN. 6,555,067	Gandhi et al	Apr. 29, 2003	422/99
AO. 6,537,468	Hata et al	Mar. 25, 2003	252/511
AP. 6,537,437	Galambos et al	Mar. 25, 2003	204/600
AQ. 6,534,013	Kennedy	Mar. 18, 2003	422/99
AR. 6,495,127	Wallace et al	Dec. 17, 2002	424/78.03
AS. 6,495,015	Schoeniger et al	Dec. 17, 2002	204/600
AT. 6,447,918	Gervasi et al	Sep. 10, 2002	428/421
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AV. 6,355,735	Wagner et al	Mar. 12, 2002	525/320
AW. 6,352,266	Rigoli	Mar. 5, 2002	277/628
AX. 6,331,578	Turner et al	Dec. 18, 2001	523/105
AY. 6,319,476	Victor, Jr. et al	Nov. 20, 2001	422/103
AZ. 6,301,931	Swierkowski et al	Oct. 16, 2001	65/36
BA. 6,284,089	Anderson et al	Sept. 4, 2001	156/304.3
BB. 6,277,257	Paul et al	Aug. 21, 2001	204/450
BC. 6,251,965	Wang et al	Jun. 26, 2001	523/107
BD. 6,238,688	Wu et al	May 29, 2001	424/426
BE. 6,224,893	Langer et al	May 1, 2001	424/423
BF. 6,210,986	Arnold et al	Apr. 3, 2001	438/42
BG. 6,123,798	Gandhi et al	Sep. 26, 2000	156/292
BH. 6,103,375	Birnholz et al	Aug. 15, 2000	428/391
BI. 6,086,740	Kennedy	Jul. 11, 2000	204/601

BJ. 6,048,498	Kennedy	Apr. 11, 2000	422/99
BK. 6,019,882	Paul et al	Feb. 1, 2000	204/450
BL. 6,013,164	Paul et al	Jan. 11, 2000	402/450
BM. 5,876,675	Kennedy	Mar. 2, 1999	422/99
BN. 4,007,322	House	Feb. 8, 1977	526/292

**PCT Published Patent Application**

<u>Publication Number</u>	<u>Publication Date</u>
BO. WO 98/08549	March 5, 1998

**Publication**

BP. Sung et al, "Polysiloxane modified epoxy networks (III) strain-induced crystallization of jointed interpenetrating polymer networks in fracture mode", Polymer, Vol. 39, No. 26, pp. 7033-7039, 1998.

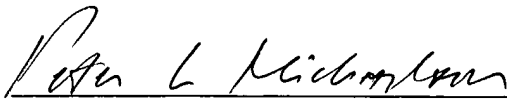
**REMARKS**

Under rule 37 C.F.R. 1.98(a) (effective March 16, 1992), since all of the above-cited references are in the English language, the applicants submit that no specific comments are necessary for any of these.

For the Examiner's convenience, the applicants have attached a completed Form PTO/SB/08A&B hereto.

Respectfully submitted,

November 11, 2003

  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 3

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Blake A. SIMMONS
Art Unit	
Examiner Name	
Attorney Docket Number	Sandia-2(SD8475,SD8485)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA.	2003/0156992	Aug. 21, 2003	Anderson et al	
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	AW.	6,352,266	Mar. 5, 2002	Rigoli	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		MM-DD-YYYY			
	BO.	WO	98/08549	March 5, 1998			

Examiner Signature	Date Considered
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	3
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Application Number	
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AX.	6,331,578	Dec. 18, 2001	Turner et al
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BC.	6,251,965	Jun. 26, 2001	Wang et al
BD.	6,238,688	May 29, 2001	Wu et al
BE.	6,224,893	May 1, 2001	Langer et al
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